

ORIG : [REDACTED]  
 UNIT : GSA/COMMO  
 EXT : [REDACTED]  
 DATE : 1 FEBRUARY 1963

CLASSIFIED MESSAGE

S-E-C-R-E-T

ROUTING

1	COMM	4	DDR
2	AD-PS	5	DDR
3	ADMIN	6	C/EE

50X1

TO : KWCUPID

FROM: DIRECTOR

CONF: OSA (1-20)

INFO: S/C (21)

DOCUMENT NO.  
 NO CHANGE IN CLASS. ☒  
 1. DECLASSIFIED  
 CLASS. CHANGED TO: TS <sup>S/C</sup>  
 NEXT REVIEW DATE: 2011  
 AUTH: HR 70-2  
 DATE: 11/9/91 REVIEWER: 037169

RECORDED	DEFERRED	PRIORITY	INITIALS
	ROUTINE	OPERATIONAL IMMEDIATE	INITIALS

DTG: 2234Z 01 FEB 63

OUT 43482

TO CUPID INFO CACTUS CITE ADIC

HBJAYWALK [REDACTED] COMMO OPERA

2586 50X1

## 1. UNUSUAL TRIGGERING OF CW-INDICATOR ON SYSTEM IX MISSIONS

[REDACTED] RAISES SPECULATION ON WHETHER SYSTEM MALFUNCTIONING, 50X1  
 OR WHETHER SYSTEM REACTING TO "REAL" SIGNAL SOURCE FROM GROUND OR AIR.  
 REALIZE THAT GROUND CHECKS REVEAL NO MALFUNCTION, BUT POSSIBLE  
 EFFECTS OF HIGH ALTITUDE AND LOWERED PRESSURE AND TEMPERATURE MAY BE  
 STIMULATING AN INTERMITTENT MALFUNCTION.

## 2. TWO POSSIBLE CONDITIONS PERTAIN:

A. SYSTEM MALFUNCTIONING ON FALSE SIGNAL - IN THIS CASE,  
 SYSTEM WILL BE TRANSMITTING USELESS (AND DANGEROUS) JAMMING  
 EMISSIONS ACTING AS BEACON FROM AIRCRAFT.

B. SYSTEM TRIGGERING ON REAL CW SIGNAL - THIS POSSIBILITY  
 CANNOT BE RULED OUT, BUT EVEN IF SO, IT DOUBTFUL IF SERRODYNE  
 CW OUTPUT (DESIGNED FOR USE AGAINST RADIO PROXIMITY FUSES) OF  
 THE SYSTEM ACCOMPLISHING EFFECTIVE JAMMING AGAINST THE SIGNAL  
 SOURCE, AND MAY EVEN BE ASSISTING THE "TRACKING."

COORDINATING OFFICERS

S-E-C-R-E-T

RELEASING OFFICER

GROUP 1 - EXCLUDED FROM  
 AUTOMATIC DOWNGRADING AND  
 DECLASSIFICATION.

AUTHENTICATING OFFICER

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CLASSIFIED MESSAGE

ORIG :  
UNIT :  
EXT :  
DATE :

**S-E-C-R-E-T**

ROUTING

1	4
2	5
3	6

  

APPROVED	DEFERRED	PRIORITY	INITIAL
	ROUTINE	OPERATIONAL IMMEDIATE	INITIAL

TO :  
FROM :  
CONF :  
INFO :

PAGE 2

OUT 4348

TO

INFO

CITE

3. VIEW SITUATION DESCRIBED, REQUEST CW DETECTOR PLUG-IN MODULE BE REMOVED FROM EXXX EQUIPMENT, THEREBY PREVENTING RECOGNITION CW SIGNALS, AND RESULTANT TRANSMISSIONS THAT MODE. THIS MODIFICATION TO BE USED ALL FLIGHTS AS INTERIM MEASURE UNTIL REPLACEMENT SYSTEM IX (504A VERSION, NOW AT KWCACUS) CAN BE COURIERED KWCUPID. REPLACEMENT SYSTEM WILL BE PROGRAMMED TO OPERATE IN PULSE AND CW MODES. FURTHER INDICATION OF CW ACTIVITY BY REPLACEMENT SYSTEM SHOULD SUPPORT CONTENTION THAT PRESENT SYSTEM BEING TRIGGERED BY REAL SIGNAL(S) RATHER THAN MALFUNCTION.

END OF MESSAGE

DOCUMENT NO. \_\_\_\_\_  
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OD/OSA

50X1

COORDINATING OFFICERS

50X1

CHIEF, OSA/COMMO

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